<u>In the Specification:</u>

Please amend the paragraph beginning on line 6 of page 9 as follows:

The bus 302 may be further connected to a CAN bus adapter ~~308~~ <u>306</u>. The CAN bus adapter may comprise an interface between the internal bus 302 and the CAN bus, providing communication between the processor and the modules. In particular, the CAN bus adapter 306 may comprise input circuits for receiving sensor input, ~~and~~ output circuits for providing appropriate actuator control signals, and input/output circuits for providing two-way communication with a remote station. The bus 302 may be further connected to a timer device (not illustrated).